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THE PLANT DISEASE REPORTER

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THE PLANT DISEASE SURVEY, DIVISION OF MYCOLOGY AND DISEASE SURVEY
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SUPPLEMENT 135

DISEASES OF PLANTS REPORTED IN TEXAS SINCE 1933

June 15, 1942

The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Division of Mycology and Disease Survey serves merely as an informational clearing house. It does not assume responsibility for the subject matter.

DISEASES OF PLANTS REPORTED IN TEXAS SINCE 1933

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Plant Disease Reporter
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This list includes plant diseases found by members of the Division of Plant Pathology and Physiology since the publication of the Check List of Plant Diseases[1] in 1933. New diseases reported each year have been included in the annual report of the Texas Station up to and including 1937. Since that time they have been reported only through the annual report to the Division of Mycology and Plant Disease Survey. New host plants of the cotton root rot fungus since the publication of the list of susceptible and non-susceptible plants in 1936[2] are also included in this compilation.

Material or cultures in some instances were sent to the Division of Mycology and Disease Survey and other authorities for identification or confirmation. Herbarium specimens are available in some cases.

ABELIA GRANDIFLORA	Chlorosis	Physiological
AGROSTIS STOLONIFERA	Chlorosis	Physiological
	Leaf blight	Piricularia grisea (Cke.) Sacc.
AILANTHUS GLANDULOSA	Twig blight	Diplodia natalensis Pole-Evans
ALBIZZIA JULIBRISSIN	Root rot	Phymatotrichum omnivorum (Shear) Dug.
ALEURITES FORDII	Crown canker	Diplodia natalensis Pole-Evans
	Seedling blight	Sclerotium rolfsii Sacc.
ALLIUM ASCALONICUM	Yellow dwarf	Virus
ALLIUM CANADENSE	Yellow dwarf	Virus
ALLIUM CEPA	Bulb rot	Fusarium sp.
	Leaf spot	Aspergillus nidulans (Eidam) Winter
	Purple blotch	Macrosporium porri Ell.
	Yellow dwarf	Virus
ALLIUM SATIVUM	Bulb rot (dry)	Aspergillus sp.
		Diplodia sp.
		Fusarium sp.
		Helminthosporium sp.
		Penicillium sp.
		Sclerotium bataticola Taub.
		Trichoderma sp.
	Bulb rot (soft)	Bacillus carotovorus L.R. Jones

1/ Taubenhaus, J. J. and W. N. Ezekiel. Trans. Texas Acad. Sci. 16 (1931-1932): 5-118. Austin, Texas. 1933.

2/ Taubenhaus, J. J. and W. N. Ezekiel. A rating of plants with reference to their relative resistance or susceptibility to Phymatotrichum root rot. Texas Agr. Exp. Stat. Bull. 527. 50 pp. 1936.

ALLIUM VINEALE	Yellow dwarf	Virus
ALTHEA ROSEA	Rust	Puccinia malvacearum C. E. Bertero
AMARANTHUS CAUDATUS	Curly top	Virus
AMARANTHUS RETROFLEXUS	Fern-leaf mosaic	Virus
AMARANTHUS SPINOSUS	Root knot	Heterodera marioni (Cornu) Goodey
AMARANTHUS TRICOLOR	Curly top	Virus
AMARYLLIS BELLADONNA	Spotted wilt	Virus
AMBROSIA SP.	Stem rot	Sclerotium bataticola Taub.
AMBROSIA ARTEMISIFOLIA	Yellows	Virus
AMPELOPSIS ACONITIFOLIA	Leaf spot	Tubercularia nigricans (Bull.) Sacc.
AMPELOPSIS TRICUSPIDATA	Leaf spot	Cercospora pustula Cke.
AMYGDALUS PERSICA	Canker	Phoma persicae Sacc.
ANODA HASTATA	Rust	Puccinia sp.
ANTIRRHINUM MAJUS	Crown rot	Myrothecium roridum Tode
	Root & stem rot	Pythium sp.
ARACHIS HYPOGEA	Witches' broom	Undet.
	Rust	Puccinia arachidis Speg.
ASTRAGALUS MOLLISSIMUS	Crown rot	Fusarium sp.
ATRIPLEX AVENARIA	Curly top	Virus
ATRIPLEX LENTIFORMIS	Curly top	Virus
ATRIPLEX PATULA	Curly top	Virus
AVENA SATIVA	Root lesion	Pratylenchus pratensis (de Man) Filipjev
AZALEA SP.	Flower spot	Ovulinia azaleae Weiss
	Leaf gall	Exobasidium vaccinii (Fckl.) Wor.
BACCHARIS NEGLECTA	Root rot	Phymatotrichum omnivorum (Shear) Dug.
BAMBUSA SP.	Leaf spot	Coniosporium shiraianum (Syd.) Bub.
BARBAREA VULGARIS	Curly top	Virus
BAUHAVIA (ORCHID TREE)	Leaf spot	Colletotrichum sp.
BEGONIA SP.	Crown rot	Rhizoctonia solani Kühn
BETA VULGARIS	Curly top	Virus
	Mosaic	Virus
BIGNONIA RADICANS	Leaf spot	Myrothecium roridum Tode
BOERHAAVIA ERECTA	Black rot	Bacterium campestre (Pammel) E.F.S.
BRASSICA ALBA	Root knot	Heterodera marioni (Cornu) Goodey
BRASSICA CAMPESTRIS	Crown gall & witches' broom	Bacterium tumefaciens Smith & Townsend
BRASSICA RAPA	Anthracnose	Colletotrichum higginsianum Sacc.
	Leaf spot	Cercospora albomaculans (Ell. & Ev.) Sacc.
	Mosaic	Virus
	Leaf spot	Cylindrosporium brassicae Fautr. & Rouss.

BRASSICA JUNCEA	White rust	Albugo (Cystopus) occidentalis (Wilson) Sacc. & Trav.
BROMUS UNIOLOIDES	Smut	Ustilago bromivora (Tul.) Fisch.
BRYOPHYLLUM SP.	Leaf spot	Alternaria tenuis Nees
BUCHLOE (BULBILIS) DACTYLOIDES	Leaf spot	Cercospora seminalis Ell. & Ev.
BUXUS SEMPERVIRENS	Root lesion	Pratylenchus pratensis (de Man) Filipjev
CALENDULA OFFICINALIS	Chlorosis	Physiological
	Spotted wilt	Virus
CALLICARPA AMERICANA	Mosaic	Virus
CALLISTEPHUS CHINENSIS	Downy mildew	Basidiophora entospora Roze & Cornu
CAMELLIA	Leaf spot	Colletotrichum gloeosporioides Penz.
	Root knot	Heterodera marioni (Cornu) Goodey
CAMELLIA SASANQUA	Leaf gall	Exobasidium camelliae Shirai
CANNA INDICA	Rust	II, undet.
CAPSICUM ANNUUM	Anthracnose	Gloeosporium piperatum Ell. & Ev.
	Black mold	Cladosporium herbarum (Pers.) Lk.
CAPSICUM ANNUUM	Curly top	Virus
	Early blight	Alternaria solani (Ell. & Mart.) Jones & Grout
	Spotting	Bacterium vesicatorium Doidge
CAPSICUM FRUTESCENS	Mosaic	Virus
CAPSICUM FRUTESCENS VAR. GROSSUM	Curly top	Virus
CARTHAMUS TINCTORIUS	Leaf spot	Septoria carthami Muras
CASSIA ARTEMISIOIDES	Stem & twig blight	Diplodia natalensis Pole-Evans
	Root knot	Heterodera marioni (Cornu) Goodey
CASSIA OCCIDENTALIS	Leaf spot	Cercospora sp.
CATALPA SP.	Chlorosis	Physiological
CELOSIA ARGENTEA	Curly top	Virus
CELOSIA ARGENTEA CRISTATA	Curly top	Virus
CELTIS SP.	Limb canker	Septobasidium sydowii Couch
	Root rot	Armillaria mellea Vahl. ex Fr.
CELTIS MISSISSIPPIENSIS	Leaf spot	Ramularia celtidis Ell. & Kellerm.
	Leaf spot	Septoria sp.
CERCIS SP.	Stem canker	Valsaria insitiva Ces. & DeNot.
CHAMAECYPARIS OBTUSA	Blight	Pestalozzia funerea Desm.
CHRYSANTHEMUM SP.	Root lesion	Pratylenchus pratensis (deMan) Filipjev
	Stem & foot rot	Fusarium sp.

CHRYSANTHEMUM LEUCANTHEMUM	Pink Mold	Fusarium martii App. & Wr. var. minus Sherb.
		Fusarium semitectum Berk. & Rav.
CICHORIUM ENDIVIA	Tip blight	Bacterium (undet.)
CITRULLUS VULGARIS	Black rot	Helminthosporium (undet. sp.)
	Charcoal rot	Sclerotium bataticola Taub.
	Leaf blight	Macrosporium cucumerinum Ell. & Ev.
CITRUS SP.	Black melanose	Undetermined
	Blue & green mold	Penicillium sp.
	Gummosis	Undetermined
	Phytophthora rot	Phytophthora parasitica Dastur
	Leaf spot	Colletotrichum gloeosporioides Penz.
	Leaf spot	Septoria sp.
	Sooty blotch	Gloeodes pomigena (Schw.) A.S. Colby
CITRUS GRANDIS	Chlorosis	Physiological
	Gummosis	Undetermined
	Root rot	Phytophthora sp.
	Scaly bark	Virus
	Wither tip	Colletotrichum gloeosporioides Penz.
CITRUS LIMONIA	Scab	Sphaceloma fawcettii Jenkins
	Stem-end rot	Diplodia natalensis Pole-Evans
	Twig blight	Tryblidiella rufula (Spreng) Sacc. (saprophytic?)
CITRUS NOBILIS UNSHIU	Scab	Sphaceloma fawcettii Jenkins
CITRUS SINENSIS	Chlorosis	Physiological
	Damping-off of seedlings	Nematodes
	Fruit rot	Fusarium limonis Briosi
	Sooty mold	Capnodium sp.
	Splitting	Non-parasitic
COLEUS SP.	Crown rot	Rhizoctonia solani Kühn
COPROSMA BOWERI	Leaf spot	Undet. Macrosporium
COREOPSIS SP.	Crown rot	Sclerotium rolfsii Sacc.
COTONEASTER	Stem blight	Macrophoma stage of Physalospora obtusa (Schw.) Cke.
	Twig blight	Sphaeropsis malorum Pk. [Physalospora obtusa]
CUCUMIS MELO	Curly top	Virus
	Leaf spot	Cercospora sp.
CUCUMIS SATIVUS	Curly top	Virus
	Gray rot	Diplodia sp.
CUCURBITA MAXIMA	Leaf spot & stem rot	Phoma subvelata Sacc.

CUPRESSUS SP.	Leaf blight	Macrophoma cupressi (Cke. & Harkn.) Berl. & Bogl.
CYDONIA JAPONICA	Twig blight	Sphaeropsis malorum Pk.
		Dothiorella ribis (Fuck.) Sacc.
CYNODON DACTYLON	Smut	Ustilago cynodontis Henn.
DAHLIA	Spotted wilt	Virus
	Verticillium wilt	Verticillium albo-atrum Reinke & Berth.
DATURA METELOIDES	Spotted wilt	Virus
DATURA TATULA		Alternaria crassa (Sacc.)Rands
	Spotted wilt	Virus
DAUCUS CAROTA	Aster yellows	Virus
	Leaf blight	Macrosporium carotae Ell. & Langlois
DIANTHUS SP.	Anthracnose	Vermicularia sp.
DIANTHUS BARBATUS	Curly top	Virus
DIANTHUS CARYOPHYLLUS	Curly top	Virus
	Leaf spot & blight	Alternaria dianthi Stevens & Hall
	Stem blight	Vermicularia herbarum (Pers.) Lk.
DIODIA TERES	Rust	Uromyces spermacoces (Schw.) Curt.
DIOSPYROS KAKI	Wilt	Verticillium albo-atrum Reinke & Berth.
DIOSPYROS VIRGINIANA	Wilt	Cephalosporium sp.
	Wood decay	Sphaeropsis malorum Pk.
DOLICHOS SPHAEROSPERMUS	Root rot	Rhizoctonia sp.
	Damping-off	Various fungi
ECHINOCEREUS CHLORANTHUS	Decay	Helminthosporium sp.
ECHINOCHLOA CRUSGALLI	Dwarf	Virus
ERIGERON CANADENSIS	Mosaic	Virus
ESCHSCHOLTZIA CALIFORNICA	Collar rot	Alternaria sp.
	Curly top	Virus
EUCALYPTUS LONGIROSTRIS ALGERIENSIS	Root rot	Phymatotrichum omnivorum (Shear) Dug.
EUONYMUS SP.	Root knot	Heterodera marioni (Cornu) Goodey
EUSTOMA RUSSELLIANUM	Stem blight	Alternaria sp.
FICUS CARICA	Canker	Stilbum cinnabarinum Mont.
	Fruit rot	Choanephora cucurbitarum (B. & Br.) Thaxter
	Leaf spot	Cercospora bolleana (Thüm.) Speg.
	Mosaic	Virus
	Stem blight	Botryosphaeria ribis Gross. & Dug.
	Sooty mold	Capnodium sp.
FRAGARIA SP.	Crimp	Aphelenchoides fragariae (Ritzema Bos) Christie

FRAGARIA SP.	Leaf spot	Dendrophoma obscurans (Ell. & Ev.) H.W. Anderson
FRAXINUS BERLANDIERI	Violet root rot	Rhizoctonia crocorum (Pers.) DC.
FRAXINUS TEXENSIS	Leaf spot	Cercospora sp.
FRAXINUS VELUTINA	Rust	Puccinia peridermiospora (Ellis & Tr.) Arth.
GARDENIA FLORIDA	Sooty mold	Fumago vagans Pers.
	Bud drop	Physiological
GILIA RUBRA	Meadow nematode	Pratylenchus pratensis (de Man) Filipjev
GLADIOLUS SP.	Dry rot	Fusarium sp.
	Root knot	Heterodera marioni (Cornu) Goodey
GLOXINIA SPECIOSA	Spotted wilt	Virus
GOMPHRENA GLOBOSA	Curly top	Virus
GOMPHRENA NITIDA	Curly top	Virus
GOSSYPIUM HIRSUTUM	Crown gall	Bacterium tumefaciens Smith & Townsend
	Phyllosticta leaf spot	Phyllosticta gossypina Ell. & Mart.
	Moldy leaf spot	Cercospora gossypina Cke.
	Wilt	Verticillium albo-atrum Reinke & Berth.
HELIANTHUS ARGOPHYLLUS	Downy mildew	Plasmopara halstedii (Farl.) Berl.
	Leaf spot	Septoria helianthi Ell. & Kellerm.
HIBISCUS SABDARIFFA	Leaf spot	Cercospora polymorpha Bub.
HIBISCUS SP.	Anthracnose	prob. Colletotrichum hibisci Poll.
HICORIA PECAN	Leaf spots	Mycosphaerella dendroides (Cke.) Demaree & Cole
		Mycosphaerella caryigena Demaree & Cole (Cercosporella caryigena (Ell. & Ev.) Höhn.)
		Pestalozzia uvicola Speg.
HOLCUS SP.	Blight	Diplodia natalensis Pole-Evans
	Root and crown rot	Pythium arrhenomanes Drechs.
HOLCUS HALEPENSIS	Smut	Sphacelotheca cruenta (Kühn) Potter
HOLCUS SORGHUM	Streak	Bacterium holcicola Elliot
	Seedling blight	Colletotrichum graminicolum (Ces.) Wils.
		Fusarium moniliforme Sheld.
	Leaf spot	Phyllosticta sorghina Sacc.
	Lodging, charcoal rot	Sclerotium bataticola Taub.
	Root rot	Pythium arrhenomanes Drechs.

HOLCUS SORGHUM SUDANENSIS	Crown rot	Colletotrichum lineola Cda.
	Leaf rust	Puccinia sorghi Schw.
	Leaf stripe	Bacterium andropogoni E.F.S.
HYDRANGEA SP.	Southern blight	Sclerotium rolfsii Sacc.
HYDROCOTYLE SP.	Rust	Puccinia hydroctyles Cke.
HYMENOCLEA MONOGYNA	Stem blight	Phoma herbarum West.
		Macrosporium puccinioides Ell. & Ev.
	Rust	Puccinia splendens Vize
ILEX DECIDUA	Leaf spot	Rhytisma ilicinola Schw.
ILEX OPACA	Leaf spot	Phyllosticta opaca Ell. & Ev.
	Sooty mold	Fumago sp.
IPOMOEA BATATAS	Curly top	Virus
IPOMOEA PANDURATA	Curly top	Virus
IPOMOEA PURPUREA	White rust	Albugo sp.
IPOMOEA TRIFIDA	Curly top	Virus
	White rust	Albugo ipomoeae-panduranae (Schw.) Sw.
IRIS SP.	Rust	Puccinia iridis (DC.) Rabh.
JUNIPERUS MEXICANA	Needle blight	Stagonospora pini Grove
KENTIA SP.	Anthracnose	Gloeosporium allescheri Bres.
KOELREUTERIA BIPINNATA	Root rot	Phymatotrichum omnivorum (Shear) Dug.
LACTUCA CANADENSIS	Spotted wilt	Virus
LACTUCA GRAMINIFOLIA	Spotted wilt	Virus
LACTUCA SATIVA	Spotted wilt	Virus
LAGERSTROEMIA INDICA	Chlorosis	Physiological
	Powdery mildew	Oidium sp., and Erysiphe lagerstroemiae West
	Sooty mold	Fumago vagans Pers.
LATHYRUS ODORATUS	Leaf mold	Cladosporium album Dowson
LEPACHYS COLUMNIFERA	Violet root rot	Rhizoctonia crocorum (Pers.) DC.
LESPEDEZA STIPULACEA	Southern blight	Sclerotium rolfsii Sacc.
LIGUSTRUM SP.	Leaf spot	Pestalozzia guepini Desm.
	Sooty mold	Fumago sp.
LIGUSTRUM AMURENSE	Chlorosis	Physiological
LIGUSTRUM LUCIDUM COMPACTUM	Crown gall	Bacterium tumefaciens Smith & Townsend
	Root knot	Heterodera marioni (Cornu) Goodey
LILIUM LONGIFLORUM	Bud rot	Fusarium sp.
	Mosaic	Virus
	Scale rot	Penicillium sp.
LINUM USITATISSIMUM	Boll & leaf spots	Alternaria sp.
	Damping-off	Sclerotium rolfsii Sacc.
	Pasmo	Phlyctaena linicola Speg.
	Rust	Melampsora lini (Pers.) Lév.
LOBELIA CARDINALIS	Curly top	Virus
	Spotted wilt	Virus
LOBELIA INFLATA	Curly top	Virus

LOBELIA SPICATA	Curly top	Virus
LOBELIA SPLENDENS	Spotted wilt	Virus
LOLIUM MULTIFLORUM	Rust	Puccinia coronata Cda.
LONICERA SP.	Leaf spot	Cercospora antipus Ell. & Holw.
LUPINUS SUBCARNOSUS	Spotted wilt	Virus
LYCOPERSICUM ESCULENTUM	Bacterial speck	Bacterium punctulans Bryan
	Buckeye rot	Phytophthora parasitica Dastur
	Bunchy top	Virus
	Catface	Undetermined
	Core rot	Undetermined
	Crown rot & stem canker	Alternaria sp.
		Helminthosporium sp.
		Phoma destructiva Plowr.
	Curly top	Virus
	Damping-off	Pythium sp.
		Rhizoctonia sp.
		Fusarium sp.
	Early blight	Alternaria solani (Ell. & Mart.) Jones & Grout
	Fern leaf	Virus
	Filiform leaf	Virus
	Fruit mottle	Undetermined
	Fruit pox	Undetermined
	Fruit rots:	Alternaria sp.
	(Smoky rot)	Aspergillus flavus Link (produces perithecia)
	(Yellow rot)	Aspergillus flavus Link (produces sclerotia)
		Aspergillus luteo-niger (Lutz) Thom & Church
		Aspergillus ochraceus Wilhelm
		Aspergillus nidulans (Eidam) Winter
	(Green rot)	Aspergillus tamarii Kita
		Aspergillus terreus Thom
	(Botrytis rot)	Botrytis cinerea Auct.
	Mold	Botryosporium pulchrum Cda.
		Chaetomium bostrychodes Zopf
	(Brown mold)	Fusarium sp.
	(Pink mold)	Fusarium sp.
	(Myrothecium rot)	Myrothecium sp.
	(Inkspot rot)	Pestalozzia sp.
	(Phoma rot)	Phoma destructiva Plowr.
	(Soft rot)	Pythium sp.
		Rhizopus nigricans Ehr.
	Sclerotium rot	Sclerotinia minor Jagger
	Black rot	Thielaviopsis basicola (Berk.) Ferraris
		Vermicularia dematium (Pers.) Fr.

LYCOPERSICUM ESCULENTUM	Leaf roll	Virus ?
	Milky leaf	Undetermined
	Mosaic (Aucuba)	Virus
	Mosaic (crinkle)	Tobacco virus #1
	Mosaic (cucumber)	Virus
	Mosaic (leaf curling)	Virus
	Mosaic (curly)	Virus
	Mosaic (dwarf)	Virus
	Mosaic (yellow)	Virus
	Mosaic (rugose)	Virus
	Nailhead rust	Alternaria tomato (Cke.) (Macrosporium tomato Cke.)
	Puff	Non-parasitic
	Spotted wilt	Virus
	Streak	Virus
	Tip blight	Virus
	Yellows	Virus
LYSIMACHIA NUMMULARIA	Root knot	Heterodera marioni (Cornu) Goodey
MAGNOLIA SP.	Leaf spot	Heterosporium magnoliae Weedon
	Leaf spot	Alternaria tenuis Nees
	Leaf spot	Epicoccum nigrum Link
	Leaf spot	Exophoma magnoliae Weedon
	Leaf spot	Pestalozzia guepini Desm.
	Leaf spot	Cephaleuros virescens Kze.
MAGNOLIA GRANDIFLORA	Root knot	Heterodera marioni (Cornu) Goodey
MALUS SYLVESTRIS	Sooty blotch	Gloeodes pomigena (Schw.) A.S. Colby
	Flyspeck	Leptothyrium pomi (Mont.& Fr.) Sacc.
MALVAVISCUS SP.	Twig blight	Sclerotinia sclerotiorum (Lib.) Mass.
MATTHIOLA INCANA	Anthracnose	Colletotrichum gloeosporioides Penz.
	Leaf spot	Myrothecium roridum Tode
	Spotted wilt	Virus
MATTHIOLA BICORNIS	Spotted wilt	Virus
MEDICAGO SATIVA	Downy mildew	Peronospora trifoliorum de Bary
MELIA AZEDARACH	Leaf spot	Cercospora subsessilis Syd.
	Twig & stem blight	Fusarium lateritium Nees Eutypella stellulata (Fr.) Sacc.
MELILOTUS ALBA	Leaf spot	Ascochyta meliloti (Trel.) Davis
MELILOTUS ALBA ANNUA	Anthracnose	Colletotrichum trifolii S.M. Bain
MORUS SP.	Leaf spot	Phleospora maculans (Bereng.) Allescher
MORUS NIGRA	Leaf spot	Phleospora maculans (Bereng.) Allescher
MORUS RUBRA	Blight	Bacterium mori (Boyer & Lambert) emend. E.F.S.

MUSA SP.	Root lesion	Rotylenchus multicinctus (Cobb) Filipjev
NANDINA DOMESTICA	Leaf spot	Gloeosporium sp.
NICOTIANA TABACUM	Mosaic	Virus
NICOTIANA LONGIFLORA	Curly top	Virus
NICOTIANA RUSTICA	Curly top	Virus
ORYZA SATIVA	Black kernel	Curvularia lunata (Wakker) Boedijn
	Leaf smut	Entyloma oryzae H. & P. Syd.
	Rotten neck	Piricularia oryzae Bri. & Cav.
	Dwarf	Virus ?
	Chalky dry rot	Caused by stink bug injury followed by two species of Fusaria identified by C. D. Sherbakoff as F. moniliforme Sheld. and F. semitectum Berk. & Rav.
OXALIS SP.	Rust	Aecidium oxalidis Thüm.
OXALIS CORNICULATA	Curly top	Virus
OXALIS STRICTA	Curly top	Virus
OXALIS VIOLACEA	Curly top	Virus
PANICUM CAPILLARIOIDES	Leaf spot	Stagonospora curvula Bomm. & Rouss.
PAPAVER NUDICAULE	Curly top	Virus
PAPAVER ORIENTALE	Curly top	Virus
PASPALUM DIGITATUM	Head mold	Fusarium sp.
PELARGONIUM SP.	Leaf spot	Alternaria tenuis Nees.
PELARGONIUM DOMESTICUM	Spotted wilt	Virus
PELARGONIUM GRAVEOLENS	Spotted wilt	Virus
PERSEA AMERICANA	Fruit rot	Colletotrichum sp.
	Fruit spot	Cercospora sp.
PHASEOLUS LATIFOLIUS	Curly top	Virus
PHASEOLUS LUNATUS MACROCARPUS	Ashy stem blight	Macrophomina phaseoli (Maubl.) Ashby
	Curly top	Virus
PHASEOLUS VULGARIS	Ashy stem blight	Macrophomina phaseoli (Maubl.) Ashby
	Curly top	Virus
	Halo blight	Bacterium medicaginis (Sackett) E.F.S.
	Leaf spot	Cercospora canescens E. & M.
	Powdery mildew	Erysiphe polygoni DC.
	Meadow nematode	Pratylenchus pratensis (de Man) Filipjev
	Yellow mosaic	Virus
PHILADELPHUS GRANDIFLORUS	Root rot	Phymatotrichum omnivorum (Shear) Dug.
PHOENIX CANARIENSIS	(False smut)	Graphiola phoenicis (Moug.) Poit.
	Root knot	Heterodera marioni (Cornu) Goodey
PHYTOLACCA AMERICANA	Violet root rot	Rhizoctonia crocorum (Pers.) DC.
PHYTOLACCA DECANDRA	Fern-leaf mosaic	Virus
	Mosaic	Virus
PHYSALIS HEDERAEFOLIA	Crinkle mosaic	Virus

PICEA ENGELMANNI	Blight	Pestalozzia sp.
PINUS SP.	Sooty mold	Undetermined
	Twig blight	Macrophoma magnifructa (Pk.) Sacc.
PINUS RESINOSA	Blight	Pestalozzia funerea Desm.
PINUS PALUSTRIS	Rust	Peridermium carneum (Bosc) Seym. & Earle
PINUS TAEDA		Lecanosticta acicola (Thüm.) Syd.
PISUM SATIVUM	Leaf blight	Cladosporium pisi Cu. & Ma.
PLATANUS SP.	Anthracnose	Gnomonia veneta (Sacc. & Speg.) Kleb.
PLUMBAGO SP.	Root knot	Heterodera marioni (Cornu) Goodey
POINCIANA GILLIESII	Root rot	Phymatotrichum omnivorum (Shear) Dug.
POLYANTHES TUBEROSA	Root knot	Heterodera marioni (Cornu) Goodey
POPULUS SP.	Leaf spot	Septoria populi Sacc.
	Twig blight	Cytospora chrysosperma (Pers.) Fr.
	Leaf spot	Alternaria tenuis Nees.
	Canker	Cytospora chrysosperma (Pers.) Fr.
POPULUS ALBA NIVEA	Root rot	Phymatotrichum omnivorum (Shear) Dug.
PRUNUS DOMESTICA	Leaf spot	Cercospora circumscissa Sacc.
PRUNUS SP.	Chlorosis	Physiological
	Limb canker	Bacterium pruni E.F.S.
PRUNUS ANGUSTIFOLIA	Brown rot	Sclerotinia fructicola (Wint.) Rehm
	Rust	Tranzschelia pruni-spinosae (Pers.) Diet.
PRUNUS VIRENS	Root rot	Phymatotrichum omnivorum (Shear) Dug.
PSEDERA QUINQUEFOLIA		Guignardia bidwellii (Ell.) Viala & Ravaz
PSEUDOTSUGA DOUGLASII		Botrytis douglasii Tub.
PYRACANTHA SP.	Root rot	Phymatotrichum omnivorum (Shear) Dug.
PYRUS COMMUNIS	Leaf spot	Entomosporium maculatum Lév.
	Sooty blotch	Gloeodes pomigena (Schw.) A. S. Colby
QUERCUS SP.	Leaf spot	Phomopsis sp.
QUERCUS MARILANDICA		Hypoderma ilicinum de N.
QUERCUS STELLATA	Twig blight	Morenoella quercina (Ell. & Mart.) Theissen.
QUERCUS VIRGINIANA	Root decay	Xylaria sp.
	Die-back	Trabutia erythrospora (Berk. & Curt.) Cke.
		Coryneum sp.
		Pseudovalsa sigmoidea (Cke. & Ell.) Sacc.
RANUNCULUS FASCICULARIS	Curly top	Virus

RANUNCULUS PUSILLUS	Curly top	Virus
RANUNCULUS SCELERATUS	Curly top	Virus
RHEUM RHAPONTICUM	Oak root rot	Armillaria mellea Vahl. ex Fr.
RHUS VIMINALIS	Root rot	Phymatotrichum omnivorum (Shear) Dug.
RHYNCHOSPORA COMICULATA VAR. INTERIOR	Smut	Testicularia cyperi Klotzsch
RIVINA HUMULIS	Violet root rot	Rhizoctonia crocorum (Pers.) DC.
ROSA SP.		Alternaria brassicae (Berk.) Sacc. var. microspora P. Brun.
	Black spot	Diplocarpon rosae Wolf
	Cane canker	Phomopsis incarcerata (Sacc.) Höhn.
	Cane canker	Pestalozzia rosae Westd.
	Cane spot	Sclerotiopsis concava (Desm.) Shear & Dodge
	Crown canker	Diplodia natalensis Pole-Evans
	Crinkle	Virus
	Die-back	Diplodia rosae Berk. & Curt.
	Die-back	Physalospora obtusa (Schw.) Cke. (Sphaeropsis malorum Pk.)
	Hairy root	Phytomonas rhizogenes Riker et al.
	Leaf spot	Mycosphaerella rosicola (Pass.) B. H. Davis
	Leaf spot	Sclerotiopsis lythri (Desm.) Shear & Dodge
	Powdery mildew	Sphaerotheca pannosa (Wallr.) Lév.
	Rust	Phragmidium sp. (not P. americanum nor P. rosae-setigerae)
	Rust	Phragmidium americanum (Pk.) Diet.
	Stem canker	Coniothyrium fuckelii Sacc.
	Streak	Virus
	Twig blight	Botryosphaeria ribis Gross. & Dug.
ROSA MANETTI	Mosaic	Virus
ROSA BRACTEATA	Black spot	Diplocarpon rosae Wolf
ROSA SETIGERA	Rust	Phragmidium rosae-setigerae Diet.
RUBUS SP.	Double blossom	Fusisporium rubi Wint.
	Die-back	Coniothyrium sp.
	Leaf spot	Septoria sp.
	Sooty blotch	Gloeodes pomigena (Schw.) Colby
RUBUS TRIVALIS	Violet root rot	Rhizoctonia crocorum (Pers.) DC.
SALIX DISCOLOR	Stem and twig blight	Diplodia salicina Lév.
SAMBUCUS SP.	Twig canker	Diplodia sp.
SCHIZANTHUS PINNATUS	Spotted wilt	Virus
SENECIO CRUENTUS	Spotted wilt	Virus
SEQUOIA GIGANTEA	Blight	Pestalozzia funerea Desm.
SMILAX BONA-NOX	Leaf spot	Cercospora smilacina Sacc.
SOLANDRA GUTTATA	Leaf spot	Cladosporium sp.

SOLANUM CAROLINENSE	Curly top	Virus
SOLANUM MELONGENA	Bunchy top	Virus
	Curly top	Virus
	Sooty mold	Fumago sp.
	Seedling wilt	Pratylenchus pratensis (de Man) Filipjev
	Yellows	Virus
SOLANUM NIGRUM	Curly top	Virus
SOLANUM ROSTRATUM	Curly top	Virus
SOLANUM TUBEROSUM	Black heart	Physiological
	Calico	Virus
	"Haywire"	Virus
	Curly top	Virus
	Interveinal mild mosaic	Virus
	Rugose and crinkle mosaic	Virus
	Spindle tuber	Virus
	Tuber rot	Fusarium sulphureum Schl.
SPINACIA OLERACEA	Curly top	Virus
	Fusarium wilt	Fusarium spinaciae Sherb.
	Rhizoctonia root rot	Rhizoctonia sp.
	White rust	Albugo (Cystopus) occidentalis (Wilson) Sacc. & Trav.
SPOROBOLUS SP.	Leaf spot	Helminthosporium ravenelii Berk. & Curt.
STATICE SP.		Cercospora staticis Lobik
STATICE DUMOSA	Leaf spot	Phyllosticta armeriae Allesch.
STENOTAPHRUM SECUNDATUM	Brown patch	Rhizoctonia solani Kühn
	Foot rot	Helminthosporium sp.
TAMARIX ARTICULATA	Root rot	Phymatotrichum omnivorum (Shear) Dug.
THUJA SP.	Chlorosis	Physiological
	Damping-off	Rhizoctonia sp.
	Leaf blight	Macrosporium helminthosporioides (Cda.) Sacc. & Trav.
THYELLA THAMNIFOLIA	Mosaic	Virus
TRAGIA URENS	Stem blight	Sclerotium sp.
TRIFOLIUM AMPHRANTHUM	Rust	Uromyces minor Schroet.
TRIFOLIUM CAROLINIANUM	Rust	Uromyces sp.
TRIPSACUM DACTYLOIDES	Rust	Puccinia polysora Underw.
TROPAEOLUM MAJUS	Curly top	Virus
TROPAEOLUM MINUS	Curly top	Virus
TSUGA CANADENSIS	Blight	Pestalozzia funerea Desm.
ULMUS CRASSIFOLIA	Twig blight	Diplodia ulmi Dearness
	Twig blight	Septobasidium sp.

ULMUS PARVIFOLIA	Twig blight	Tubercularia sp. (apparently. Dr. Diehl says "This is a remarkable fungus and not at all typical!")
	Twig blight	Didymosphaeria sp.
		Sacidium ulmi-gallae Kell. & Sw.
VACCINIUM (BATODENDRON) ARBOREUM		Ophiodothella vaccinii Boyd
VERNONIA FASCICULATA	Rust	Coleosporium vernoniae B. & C.
VIGNA SINENSIS	Ashy stem blight	Macrophomina phaseoli (Maubl.) Ashby
	Chlorosis	Physiological
	Crinkle mosaic	Virus
	Stem blight	Sclerotium bataticola Taub.
VIOLA CDORATA	Curly top	Virus
	Scab	Sphaceloma violae Massey & Jenkins
VIOLA TRICOLOR	Curly top	Virus
VIOLA SP.	Leaf spot	Colletotrichum violae-rotundifoliae (Sacc.) Davis
WASHINGTONIA FILIFERA	False smut	Graphiola phoenicis (Moug.) Poit.
WISTERIA FRUTESCENS	Powdery mildew	Erysiphe cichoracearum D.C.
YUCCA	Leaf spot	Epicoccum asterinum Pat.
ZANTEDESCHIA AETHIOPICA	Spotted wilt	Virus
ZANTEDESCHIA ALBOMACULATA	Spotted wilt	Virus
ZANTEDESCHIA REHMANNI	Spotted wilt	Virus
ZEA MAYS	Stalk rot	Bacterium dissolvens Rosen
	Wilt	Aplanobacter stewartii (E.F.S.) McCul.
	Black bundle	Cephalosporium acremonium Cda.
	Leaf spot	Bacterium sp.
	Stalk rot	Pythium butleri Subramanian
ZINNIA ELEGANS	Root knot	Heterodera marioni (Cornu) Goodey
ZINNIA SP.	Spotted wilt	Virus

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